

**LTA: 212Zc06**NAME:  
Collins MorainesACRES:  
59498.379SQUARE MILES:  
92.966**DESCRIPTION:**

The characteristic landform pattern is undulating moraine with common bedrock knolls and many swamps. Soils are predominantly well drained loam over calcareous clay till. Common habitat types include forested lowland, AFH, AFAs, and AFAs-O.

**CLIMATE**

| CODE | PERCENT |
|------|---------|
| 83   | 39      |
| 86   | 14      |
| 92   | 47      |

**GEOLOGY**BEDROCK TYPE DESCRIPTION  
CarbonatesAVERAGE DEPTH  
TO BEDROCK  
5005BEDROCK DEPTH  
DESCRIPTION  
Bedrock is between 50 feet and 5 feet of the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS  
Till DepositionTOPOGRAPHY  
UndulatingSURFACE  
Bedrock Controlled Moraine**SOIL INFORMATION****SOIL ASSOCIATIONS**

Kewaunee-Manawa-Kolberg-Houghton-Willette, Hortonville-Symco

**SOIL DESCRIPTION**

Moderately well drained and somewhat poorly drained clayey soils with a loam surface over calcareous clay till (some over dolomite), along with very poorly drained nonacid organic soils.

SURFACE TEXTURES  
L-MKGENERAL TEXTURES  
Clayey-MuckyFAMILY TEXTURES  
FI-SPDRAINAGE CLASSES  
MWD-SPD-VPDPARENT MATERIAL  
Till-Organic**KOTAR'S HABITAT**

| HABITAT 1 | HABITAT 2 | HABITAT 3 | HABITAT 4 | HABITAT 5 | HABITAT 6 |
|-----------|-----------|-----------|-----------|-----------|-----------|
| Lowland   | AFH       | AFAs      | AFAs-O    |           |           |

\*Listed in order of probability occurrence, with each having an occurrence of 10% or greater

**WISCLAND LAND COVER**

| COVER TYPE CLASS              | ACRES | PERCENT |
|-------------------------------|-------|---------|
| Agricultural Land             | 43349 | 73      |
| Bare Land                     | 447   | 1       |
| Forested Wetland              | 3835  | 6       |
| Grassland                     | 1138  | 2       |
| High Intensity Urban Area     | 92    | 0       |
| Low Intensity Urban Area      | 104   | 0       |
| Nonforested Wetland           | 8688  | 15      |
| Open Water                    | 203   | 0       |
| Upland Broad-leaved Deciduous | 1581  | 3       |
| Upland Coniferous Forest      | 55    | 0       |

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

| CODE         | PERCENT | DEFINITION  |
|--------------|---------|---|
| Hydrographic | 2       | Water   |
| BHH/P        | 0       | Beech, Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine                       |
| BE/O         | 68      | Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak                           |
| NH/O         | 4       | Sugar Maple, Basswood, Red Oak, White Oak, Black Oak                                  |
| OO           | 0       | Oak - Black, White, and Burr Oak  |
| SC           | 19      | Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock                         |
| LH           | 5       | Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch |

**HYDROLOGY**

| PERENNIAL STREAMS | INTERMITTENT STREAMS | OPEN WATER | MARSH ACRES | DEPTH TO AQUIFER | SURFACE DRAINAGE |
|-------------------|----------------------|------------|-------------|------------------|------------------|
| 35 Miles          | 41 Miles             | 908 Acres  | 7374 Acres  | 0'-20'           | dendritic        |